

Converting Colors

CIELCh(58, 47.347, 347.419)

Have a look what the booklet for
CIELCh(58, 47.347, 347.419)
contains.

CIELCh(58, 47.267, 347.336)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 47.267, 347.336)

Conversions

Conversions Part 1

Format	Color
Hex	CF6A9F
RGB	207, 106, 159
RGB Percent	81%, 42%, 62%
CMY	0.1895, 0.5854, 0.3776
CMYK	0.00, 0.49, 0.23, 0.19
HSL	329°, 51%, 61%
HSV	329°, 49%, 81%
XYZ	37.0000, 25.9610, 35.7292
YIQ	142.2410, 43.1830, 37.8950

Conversions

Conversions Part 2

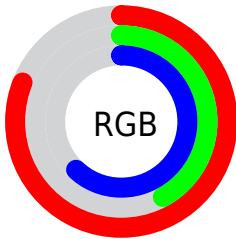
Format	Color
R _Y B	207, 106, 159
Decimal	13593247
CIE Lab	58.00, 46.12, -10.36
CIE LCh	58, 47.267, 347.336
Yxy	25.9610, 0.3749, 0.2631
Android (android.graphics.Color)	4291783327 (0xFFCF6A9F)
YUV	142.2410, 8.2622, 56.7936
Hunter-Lab	50.9519, 40.4564, -5.9098

Details

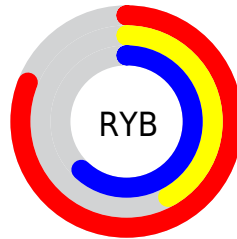
The CIELCh color $58, 47.267, 347.336$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $76, 45.158, 157.293$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 44.325, 343.506$, and $38, 47.523, 346.961$ is the 20% darker color. If you saturate the color by 10%, you get $54, 55.726, 348.868$, and if you desaturate by 10%, it is $63, 37.948, 346.042$.

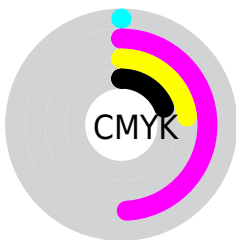
Distribution



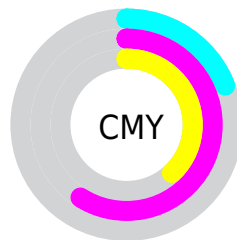
- Red (81%)
- Green (42%)
- Blue (62%)



- Red (81%)
- Yellow (42%)
- Blue (62%)



- Cyan (0%)
- Magenta (49%)
- Yellow (23%)
- Black (19%)





- Cyan (19%)
- Magenta (59%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 47.267, 347.336 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 58, 47.267, 347.336 by changing the saturation by 10% instead.


 58, 47.267,
347.336


 58, 47.267,
347.336


 100, 47.267,
347.336


 48, 47.267,
347.336


 78, 47.267,
347.336

 38, 47.267,
347.336

 88, 47.267,
347.336

 28, 47.267,
347.336

 98, 47.267,
347.336

 18, 47.267,
347.336

 8, 47.267, 347.336

 0, 47.267, 347.336

■ 58, 47.267,
347.336

■ 58, 47.267,
347.336

■ 54, 55.726,
348.868

■ 63, 37.948,
346.042

■ 50, 62.838,
350.727

■ 68, 28.196,
344.918

■ 48, 68.117,
353.038

■ 73, 18.315,
343.921

■ 46, 71.263,
355.954

■ 78, 8.513, 343.007

■ 84, 1.083, 162.625


■ 45, 72.512,
359.560

■ 89, 10.402,
161.550

■ 45, 72.631,
359.992

■ 95, 19.412,
160.853

■ 96, 19.040,
169.715

 97, 16.863,
184.426

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58, 47.267, 347.336



76, 45.158, 157.293

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58, 47.267, 347.336



58, 47.267, 37.336



58, 47.267, 167.336



58, 47.267, 217.336

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58, 47.264, 347.337



90, 17.225, 343.579



53, 59.785, 310.516



47, 11.775, 343.776



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58, 47.264, 347.337



66, 66.084, 349.015



57, 43.417, 22.482



41, 5.513, 343.058



36, 62.438, 359.353



5, 22.075, 352.324

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58, 47.264, 347.337



66, 66.084, 349.015



77, 31.144, 193.804



41, 5.513, 343.058



36, 62.438, 359.353



5, 22.075, 352.324

Previews

White Background



This preview shows how the CIELCh color 58, 47.267, 347.336 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 58, 47.267, 347.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

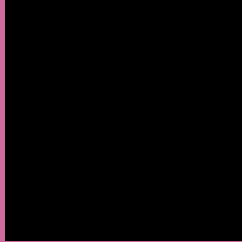
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 47.267, 347.336

Background



This preview shows how black text looks on a background with the CIELCh color 58, 47.267, 347.336.

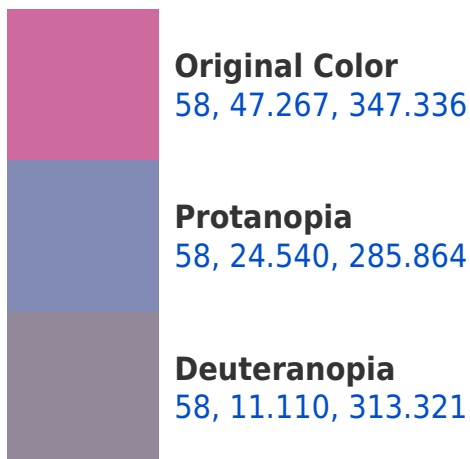


This preview shows how white text looks on a background with the CIELCh color 58, 47.267, 347.336.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
58, 37.964, 17.433

Trichromacy



Original Color
58, 47.267, 347.336

Protanomaly
57, 29.151, 315.587

Deuteranomaly
58, 24.321, 335.917

Tritanomaly
58, 39.938, 4.390

Monochromacy



Original Color
58, 47.267, 347.336

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 18.028, 344.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 47.267, 347.336 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(207, 106, 159)` looks like.

```
.text, #text, p{  
    color:rgb(207, 106, 159)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 106, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 106, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 47.267, 347.336 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 106, 159) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(207, 106, 159) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(207, 106, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 106, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 106, 159);  
box-shadow:4px 4px 4px 4px rgb(207, 106,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 47.267, 347.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 106, 159) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207,  
106, 159) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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